

PCT/us 99/01588 Search.

*****STN Columbus*****

FILE 'HOME' ENTERED AT 09:55:27 ON 09 MAR 1999

=> file medline, caplus

=> s heat shock proteins

L1 14797 HEAT SHOCK PROTEINS

=> s l1 and ubiquitin

L2 197 L1 AND UBIQUITIN

=> s l2 and gonadotropin releasing hormone

L3 0 L2 AND GONADOTROPIN RELEASING
HORMONE

=> s l2 and fsh

L4 0 L2 AND FSH

=> s l2 and follicle stimulin hormone

L5 0 L2 AND FOLLICULE STIMULATIN HORMONE

=> s ubiquitin and follicle stimulating hormone

L6 0 UBIQUITIN AND FOLLICULE STIMULATING
HORMONE

=> s ubiquitin and follicle stimulating hormone receptor

L7 0 UBIQUITIN AND FOLLICULE STIMULATING
HORMONE RECEPTOR

=> s fusion protein and FSH receptor

L8 4 FUSION PROTEIN AND FSH RECEPTOR

=> dup rem l8

PROCESSING COMPLETED FOR L8

L9 3 DUP REM L8 (1 DUPLICATE REMOVED)

=> d 1-3

L9 ANSWER 1 OF 3 CAPLUS COPYRIGHT 1999 ACS

AN 1997:696874 CAPLUS

DN 127:355666

TI Manufacture of soluble anterior pituitary hormone receptors as
cleavable

fusion products with a membrane anchor peptide

IN Hsueh, Aaron J. W.; Kobilka, Brian K.; Kudo, Masataka

PA Leland Stanford Junior University, USA

SO PCT Int. Appl., 52 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO.
DATE

PI WO 9739131 A1 19971023 WO 97-US6117
19970414

W: AU, CA, JP

RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,

MC, NL, PT, SE

AU 9727282 A1 19971107 AU 97-27282 19970414

PRAI US 96-15450 19960415

WO 97-US6117 19970414

L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 1999 ACS

AN 1997:652138 CAPLUS

DN 127:326751

TI Derivation of functional antagonists using N-terminal
extracellular domain

of gonadotropin and thyrotropin receptors

AU Osuga, Yutaka; Kudo, Masataka; Kaipia, Antti; Kobilka,
Brian; Hsueh, Aaron

J. W.

CS Div. Reproductive Biol., Stanford Univ. Med. Sch., Stanford,
CA, 94305,

USA

SO Mol. Endocrinol. (1997), 11(11), 1659-1668

CODEN: MOENEN; ISSN: 0888-8809

PB Endocrine Society

DT Journal

LA English

L9 ANSWER 3 OF 3 MEDLINE

DUPLICATE

1

AN 96223626 MEDLINE

DN 96223626

TI Anti-human ***FSH*** ***receptor*** monoclonal
antibodies:

immunochemical and immunocytochemical characterization of
the receptor.

AU Vannier B; Loosfelt H; Meduri G; Pichon C; Milgrom E

CS Unite de Recherches Hormones et Reproduction, Institut
National de la

Sante et de la Recherche Medicale, Hopital de Bicetre, Le
Kremlin-Bicetre,

France.

SO BIOCHEMISTRY, (1996 Feb 6) 35 (5) 1358-66.

Journal code: A0G. ISSN: 0006-2960.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199609

=> s fusion protein and gonadotropin releasing hormone

L10 0 FUSION PROTEIN AND GOANDOTROPIN
RELEASING HORMONE

=> s l1 and gonadotropin releasing hormone

L11 0 L1 AND GONADOTROPIN RELEASING
HORMONE

=> s l1 and growth factor hormone

L12 0 L1 AND GROWTH FACTOR HORMONE

=> s l1 and immune response

L13 322 L1 AND IMMUNE RESPONSE

=> dup rem l13

PROCESSING COMPLETED FOR L13

L14 256 DUP REM L13 (66 DUPLICATES REMOVED)

=> d 1-10

L14 ANSWER 1 OF 256 MEDLINE
AN 1999081750 MEDLINE
DN 99081750
TI Existing antilisterial immunity does not inhibit the development of a

Listeria monocytogenes-specific primary cytotoxic T-lymphocyte response.

AU Bouwer H G; Shen H; Fan X; Miller J F; Barry R A; Hinrichs D J

CS Immunology Research, Veterans Affairs Medical Center, Earle A. Chiles

Research Institute, Portland, Oregon, USA.. bouwera@ohsu.edu
NC RO1 AI40698 (NIAID)

RO1 AI23455 (NIAID)

AI38955 (NIAID)

+
SO INFECTION AND IMMUNITY, (1999 Jan) 67 (1) 253-8.
Journal code: GO7. ISSN: 0019-9567.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)

LA English
FS Priority Journals; Cancer Journals

EM 199903

EW 19990305

L14 ANSWER 2 OF 256 MEDLINE

DUPLICATE 1

AN 1999081723 MEDLINE

DN 99081723

TI Murine gamma delta T lymphocytes elicited during Plasmodium yoelii

infection respond to Plasmodium ***heat*** ***shock***
proteins

AU Kopacz J; Kumar N

CS Department of Molecular Microbiology and Immunology, Johns Hopkins

University School of Hygiene and Public Health, Baltimore, Maryland 21205, USA.

NC AI31589 (NIAID)

SO INFECTION AND IMMUNITY, (1999 Jan) 67 (1) 57-63.
Journal code: GO7. ISSN: 0019-9567.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)

LA English
FS Priority Journals; Cancer Journals

EM 199903

EW 19990305

L14 ANSWER 3 OF 256 MEDLINE

AN 1998277490 MEDLINE

DN 98277490

TI Gleanings on Helicobacter pylori infection, antigenic profile of strains,

host's ***immune*** ***response*** [comment].

CM Comment on: Ital J Gastroenterol Hepatol 1998 Feb;30(1):36-9

AU Figura N

CS Institute of Internal Medicine, University of Siena, Italy..
figura@unisi.it

SO ITALIAN JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY, (1998 Feb) 30 (1)

40-2. Ref: 32

Journal code: CVR.

CY Italy

DT Commentary
Journal; Article; (JOURNAL ARTICLE)

General Review; (REVIEW)
(REVIEW, TUTORIAL)

LA English

FS Priority Journals

EM 199810
EW 19981002

L14 ANSWER 4 OF 256 CAPLUS COPYRIGHT 1999 ACS
AN 1998:346229 CAPLUS

DN 129:80543

TI Role of ehrlichial components in ***immune***

response

AU Chaichanasiriwithaya, Wiwat

CS Ohio State Univ., Columbus, OH, USA

SO (1998) 102 pp. Avail.: UMI, Order No. DA9822293

From: Diss. Abstr. Int., B 1998, 59(1), 115

DT Dissertation

LA English

L14 ANSWER 5 OF 256 CAPLUS COPYRIGHT 1999 ACS
AN 1998:548557 CAPLUS

DN 129:156934

TI Adoptive immunotherapy utilizing heat shock/stress protein-peptide

complexes for prevention/treatment of cancer or infectious diseases

IN Srivastava, Pramod K.

PA Fordham University, USA

SO PCT Int. Appl., 77 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.
PI WO 9834642	A1	19980813	WO 98-US2194

19980203

W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GH,

GW, HU, ID, IL, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MD,

MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR,

TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI,

FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM,

GA, GN, ML, MR, NE, SN, TD, TG

US 5830464 A 19981103 US 97-796316 19970207

AU 9860564 A1 19980826 AU 98-60564 19980203

PRAI US 97-796316 19970207

WO 98-US2194 19980203

L14 ANSWER 6 OF 256 CAPLUS COPYRIGHT 1999 ACS
AN 1998:548556 CAPLUS

DN 129:156933

TI Prevention and treatment of primary and metastatic neoplastic diseases and

infectious diseases with heat shock/stress protein-peptide complexes

IN Srivastava, Pramod K.; Chandawarkar, Rajiv Y.

PA Fordham University, USA

SO PCT Int. Appl., 90 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.
PI WO 9834641	A1	19980813	WO 98-US2193

19980203

W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU,
CZ, EE, GE, GH,
GW, HU, ID, IL, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT,
LV, MD,
MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL,
TJ, TM, TR,
TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ,
TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH,
DE, DK, ES, FI,
FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM,
GA, GN, ML, MR, NE, SN, TD, TG
AU 9861455 A1 19980826 AU 98-61455 19980203
PRAI US 97-796319 19970207
WO 98-US2193 19980203

L14 ANSWER 7 OF 256 CAPLUS COPYRIGHT 1999 ACS
AN 1998:424096 CAPLUS
DN 129:94451
TI Superantigen based methods and compositions for treatment of
diseases
IN Terman, David S.
PA Terman, David S., USA
SO PCT Int. Appl., 140 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO.
DATE

PI WO 9826747 A2 19980625 WO 97-US23637
19971217
W: CA, JP
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,
MC, NL, PT, SE
PRAI US 96-33172 19961217
US 97-44074 19970417

L14 ANSWER 8 OF 256 CAPLUS COPYRIGHT 1999 ACS
AN 1998:388603 CAPLUS
DN 129:40131
TI Vaccines for inducing cell-mediated cytolytic response
comprising antigen
and stress protein
IN Mizzen, Lee; Anthony, Lawrence S. D.
PA Stressgen Biotechnologies Corp., Can.; Mizzen, Lee; Anthony,
Lawrence S.
D.
SO PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO.
DATE

PI WO 9823735 A1 19980604 WO 97-CA897
19971125
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH,
CN, CU, CZ, DE,
DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG,
KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,
MW, MX, NO, NZ,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
UA, UG,
US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,
TM
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE,

DK, ES, FI, FR,
GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA,
GN, ML, MR, NE, SN, TD, TG
AU 9851120 A1 19980622 AU 98-51120 19971125
PRAI US 96-756621 19961126
WO 97-CA897 19971125

L14 ANSWER 9 OF 256 MEDLINE
AN 1998395103 MEDLINE
DN 98395103
TI Two-site interaction of nuclear factor of activated T cells with
activated
calcineurin.
AU Garcia-Cozar F J; Okamura H; Aramburu J F; Shaw K T Y;
Pelletier L;
Showalter R; Villafranca E; Rao A
CS Department of Pathology, Harvard Medical School and the
Center for Blood
Research, Boston, Massachusetts 02115, USA.
NC AI 40127 (NIAID)
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Sep 11)
273 (37) 23877-83.
Journal code: HIV. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Cancer Journals
EM 199812
EW 19981203

L14 ANSWER 10 OF 256 MEDLINE
AN 1999036378 MEDLINE
DN 99036378
TI Characteristics of the strong antibody response to mycobacterial
Hsp70: a
primary, T cell-dependent IgG response with no evidence of
natural priming
or gamma delta T cell involvement.
AU Bonorino C; Nardi N B; Zhang X; Wysocki L J
CS Department of Microbiology, Pontificia Universidade Catolica
do Rio Grande
do Sul Av, Porto Alegre, Brazil.. cbonorino@music.pucrs.br
NC RO1AI39563 (NIAID)
SO JOURNAL OF IMMUNOLOGY, (1998 Nov 15) 161 (10)
5210-6.
Journal code: IFB. ISSN: 0022-1767.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals; Cancer
Journals
EM 199902
EW 19990204

=> s gonadotropin releasing hormone

L15 11249 GONADOTROPIN RELEASING HORMONE

=> s 115 and fusion protein

L16 18 L15 AND FUSION PROTEIN

=> s 115 and ubiquitin

L17 0 L15 AND UBIQUITIN

=> d 116 1-10

L16 ANSWER 1 OF 18 MEDLINE

AN 97156635 MEDLINE
 DN 97156635
 TI Potential role for a regulator of G protein signaling (RGS3) in
 gonadotropin - ***releasing*** ***hormone***
 (GnRH)
 stimulated desensitization.
 AU Neill J D; Duck L W; Sellers J C; Musgrove L C; Scheschonka
 A; Druey K M;
 Kehri J H
 CS Department of Physiology and Biophysics, School of Medicine,
 University of
 Alabama at Birmingham 35294, USA.
 SO ENDOCRINOLOGY, (1997 Feb) 138 (2) 843-6.
 Journal code: EGZ. ISSN: 0013-7227.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals; Cancer
 Journals
 OS GENBANK-M55412
 EM 199704

L16 ANSWER 2 OF 18 MEDLINE
 AN 94191098 MEDLINE
 DN 94191098
 TI Testosterone effects on spermatogenesis in the
 gonadotropin -
 releasing ***hormone*** -immunized rat.
 AU McLachlan R I; Wreford N G; Tsonis C; De Kretser D M;
 Robertson D M
 CS Prince Henry's Institute of Medical Research, Monash
 University, Clayton,
 Victoria, Australia..
 SO BIOLOGY OF REPRODUCTION, (1994 Feb) 50 (2) 271-80.
 Journal code: A3W. ISSN: 0006-3363.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199407

L16 ANSWER 3 OF 18 CAPLUS COPYRIGHT 1999 ACS
 AN 1999:73961 CAPLUS
 TI Characterization of an intrinsically fluorescent
 gonadotropin -
 releasing ***hormone*** receptor and effects of
 ligand binding
 on receptor lateral diffusion
 AU Nelson, Scott; Horvat, Regina D.; Malvey, Jennifer; Roess,
 Deborah A.;
 Barisas, B. George; Clay, Colin M.
 CS Department of Physiology, Colorado State University, Fort
 Collins, CO,
 80523, USA
 SO Endocrinology (1999), 140(2), 950-957
 CODEN: ENDOAO; ISSN: 0013-7227
 PB Endocrine Society
 DT Journal
 LA English

L16 ANSWER 4 OF 18 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:749357 CAPLUS
 DN 130:24097
 TI GnRH-leukotoxin chimeras
 IN Potter, Andrew A.; Manns, John G.
 PA University of Saskatchewan, Can.
 SO U.S., 84 pp., Cont.-in-part of U. S. 5,723,129.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 6

PATENT NO.	KIND	DATE	APPLICATION NO.
PI US 5837268	A	19981117	US 96-694865
19960809			
US 5422110	A	19950606	US 92-960932 19921014
US 5723129	A	19980303	US 95-387156 19950210
WO 9806848	A1	19980219	WO 97-CA559
19970808			
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH,		
CN, CU, CZ, DE,			
DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR,			
KZ, LC,			
LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,			
NO, NZ, PL, PT,			
RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG,			
UZ, VN, AM,			
AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE,			
DK, ES, FI, FR,			
GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,			
CM, GA,			
GN, ML, MR, NE, SN, TD, TG			
AU 9738437	A1	19980306	AU 97-38437 19970808
PRAI US 91-779171		19911016	
US 92-960932		19921014	
US 95-387156		19950210	
US 96-694865		19960809	
WO 97-CA559		19970808	

L16 ANSWER 5 OF 18 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:548554 CAPLUS
 DN 129:160627
 TI Immunization against endogenous ***gonadotropin*** -
 releasing
 hormone
 IN Harland, Richard; Manns, John G.; Acres, Stephen D.
 PA Biostar Inc., Can.
 SO PCT Int. Appl., 61 pp.
 CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.
PI WO 9834639	A1	19980813	WO 98-CA59
19980204			
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH,		
CN, CU, CZ, DE,			
DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG,			
KP, KR,			
KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,			
MW, MX, NO, NZ,			
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,			
UA, UG,			
UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH,			
DE, DK, ES, FI,			
FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,			
CI, CM,			
GA, GN, ML, MR, NE, SN, TD, TG			
AU 9858497	A1	19980826	AU 98-58497 19980204
PRAI US 97-36883		19970205	
WO 98-CA59		19980204	

L16 ANSWER 6 OF 18 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:476943 CAPLUS
 DN 129:240143
 TI Investigation into suitable carrier molecules for use in an anti-
 gonadotropin ***releasing*** ***hormone***

vaccine

AU Ferro, V. A.; Stimson, W. H.
CS Department of Immunology, University of Strathclyde,
Glasgow, G4 0NR, UK
SO Vaccine (1998), 16(11/12), 1095-1102
CODEN: VACCDE; ISSN: 0264-410X
PB Elsevier Science Ltd.
DT Journal
LA English

L16 ANSWER 7 OF 18 CAPLUS COPYRIGHT 1999 ACS

AN 1998:157345 CAPLUS

DN 128:216361

TI Immunogenicity of GnRH-leukotoxin chimeras

IN Potter, Andrew A.; Manns, John G.

PA University of Saskatchewan, Can.

SO U.S., 60 pp. Cont.-in-part of U.S. 5,422,110.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 6

PATENT NO.	KIND	DATE	APPLICATION NO.
------------	------	------	-----------------

DATE

PI US 5723129	A	19980303	US 95-387156
19950210			
US 5422110	A	19950606	US 92-960932 19921014
WO 9624675	A1	19960815	WO 96-CA49
19960124			

W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN,
CZ, DE, DK, EE,
ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR,
LS, LT,

LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,
RO, RU, SD, SE,
SG, SI

RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES,
FR, GB, GR, IE,

IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
GN, ML, MR,

NE, SN
CA 2212054 AA 19960815 CA 96-2212054
19960124

AU 9644777 A1 19960827 AU 96-44777 19960124
EP 808369 A1 19971126 EP 96-900796 19960124

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE,
PT, IE

BR 9607526 A 19971230 BR 96-7526 19960124
US 5837268 A 19981117 US 96-694865 19960809

PRAI US 91-779171 19911016

US 92-960932 19921014

US 95-387156 19950210

WO 96-CA49 19960124

L16 ANSWER 8 OF 18 CAPLUS COPYRIGHT 1999 ACS

AN 1998:126357 CAPLUS

DN 128:204067

TI ***Gonadotropin*** ***releasing*** ***hormone***
-leukotoxin

chimeras and their use in vaccination

IN Potter, Andrew A.; Manns, John G.

PA University of Saskatchewan, Can.

SO PCT Int. Appl., 128 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 6

PATENT NO.	KIND	DATE	APPLICATION NO.
------------	------	------	-----------------

DATE

PI WO 9806848	A1	19980219	WO 97-CA559
---------------	----	----------	-------------

19970808

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH,
CN, CU, CZ, DE,

DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR,
KZ, LC,

LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
NO, NZ, PL, PT,

RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG,
UZ, VN, AM,

AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE,
DK, ES, FI, FR,

GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA,

GN, ML, MR, NE, SN, TD, TG

US 5837268 A 19981117 US 96-694865 19960809
AU 9738437 A1 19980306 AU 97-38437 19970808

PRAI US 96-694865 19960809

US 91-779171 19911016

US 92-960932 19921014

US 95-387156 19950210

WO 97-CA559 19970808

L16 ANSWER 9 OF 18 CAPLUS COPYRIGHT 1999 ACS

AN 1998:1391 CAPLUS

DN 128:84392

TI Chimeric toxins for targeted cancer therapy

IN Yarkoni, Shai; Nechushtan, Amotz; Lorberboum-Galski, Haya;
Marianovski,

Irina

PA Yissum Research Development Company, Israel; Yarkoni,
Shai; Nechushtan,

Amotz; Lorberboum-Galski, Haya; Marianovski, Irina

SO PCT Int. Appl., 30 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.
------------	------	------	-----------------

DATE

PI WO 9746259	A2	19971211	WO 97-IL180
19970604			

W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN,
CZ, DE, DK, EE,

ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK,
LR, LS,

LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL,
PT, RO, RU, SD,

SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN,
AM, AZ, BY,

KG, KZ, MD, RU, TJ, TM

RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK,
ES, FI, FR, GB,

GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM,
GA, GN,

ML, MR, NE, SN, TD, TG

AU 9730452 A1 19980105 AU 97-30452 19970604
PRAI IL 96-118570 19960604

WO 97-1

L180 19970604

L16 ANSWER 10 OF 18 CAPLUS COPYRIGHT 1999 ACS

AN 1997:354029 CAPLUS

DN 126:334372

TI Hybrid molecules containing amidated polypeptide binding
ligands

IN Leeman, Susan E.; Murphy, John R.; Vanderspek, Johanna C.;
Fisher,

Caroline E.

PA Boston Medical Center Corporation, USA; Leeman, Susan E.;

Murphy, John R.;
Vanderspek, Johanna C.; Fisher, Caroline E.
SO PCT Int. Appl., 50 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO.
DATE

PI WO 9713410 A1 19970417 WO 96-US16237
19961011
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH,
CN, CZ, DE, DK,
EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ,
LC, LK,
LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO,
NZ, PL, PT, RO,
RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US,
UZ, VN, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI,
FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI
AU 9675952 A1 19970430 AU 96-75952 19961011
AU 698031 B2 19981022
PRAI US 95-5431 19951013
US 96-728747 19961011
WO 96-US16237 19961011

=> d his

(FILE 'HOME' ENTERED AT 09:55:27 ON 09 MAR 1999)

FILE 'MEDLINE, CAPLUS' ENTERED AT 09:56:22 ON 09
MAR 1999

L1 14797 S HEAT SHOCK PROTEINS
L2 197 S L1 AND UBIQUITIN
L3 0 S L2 AND GONADOTROPIN RELEASING
HORMONE
L4 0 S L2 AND FSH
L5 0 S L2 AND FOLLICULE STIMULATING HORMONE
L6 0 S UBIQUITIN AND FOLLICULE STIMULATING
HORMONE
L7 0 S UBIQUITIN AND FOLLICULE STIMULATING
HORMONE RECEPTOR
L8 4 S FUSION PROTEIN AND FSH RECEPTOR
L9 3 DUP REM L8 (1 DUPLICATE REMOVED)
L10 0 S FUSION PROTEIN AND GONADOTROPIN
RELEASING HORMONE
L11 0 S L1 AND GONADOTROPIN RELEASING
HORMONE
L12 0 S L1 AND GROWTH FACTOR HORMONE
L13 322 S L1 AND IMMUNE RESPONSE
L14 256 DUP REM L13 (66 DUPLICATES REMOVED)
L15 11249 S GONADOTROPIN RELEASING HORMONE
L16 18 S L15 AND FUSION PROTEIN
L17 0 S L15 AND UBIQUITIN

=> d 116 11-8

'11-8' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.

REENTER DISPLAY FORMAT FOR ALL FILES
(FILEDEFAULT):d 116 11-18

'D' IS NOT A VALID FORMAT

'L44' IS NOT A VALID FORMAT

'11-18' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.

REENTER DISPLAY FORMAT FOR ALL FILES
(FILEDEFAULT):all

L16 ANSWER 1 OF 18 MEDLINE

AN 97156635 MEDLINE

DN 97156635

TI Potential role for a regulator of G protein signaling (RGS3) in
gonadotropin - ***releasing*** ***hormone***
(GnRH)

stimulated desensitization.

AU Neill J D; Duck L W; Sellers J C; Musgrove L C; Scheschonka
A; Druey K M;
Kehrl J H

CS Department of Physiology and Biophysics, School of Medicine,
University of

Alabama at Birmingham 35294, USA.

SO ENDOCRINOLOGY, (1997 Feb) 138 (2) 843-6.

Journal code: EGZ. ISSN: 0013-7227.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Abridged Index Medicus Journals; Priority Journals; Cancer
Journals

OS GENBANK-M55412

EM 199704

AB The cellular and molecular mechanisms of gonadotrope
desensitization are

unknown but transduction of the GnRH signal is known to
involve

sequentially the GnRH receptor, Gq alpha protein, phospholipase
C beta-1,

inositol-1,4,5-trisphosphate (IP3), and intracellular Ca+2 release.
Here,

we report the results of studies of a new family of proteins known
as

regulators of G protein signaling (RGS) that recently have been
implicated

in desensitization of several ligand induced processes. Using
DNA-mediated

transfection, we co-expressed the GnRH receptor and RGS1,2,3,
or 4 in

COS-1 cells. Control cells and those expressing RGS1,2, and 4
produced

five fold increases in IP3 levels during the 30 sec after treatment
with

GnRH. In contrast, RGS3 expression suppressed by 75% the
GnRH-induced IP3

responses. RGS3 was shown to bind Gq alpha protein in a model
in vitro

system: recombinant RGS3-glutathione-S-transferase (GST)
fusion

protein bound five-fold more 35S-met labeled Gq alpha
protein than

did with GST alone, suggesting that the mechanism of RGS3
action is

attenuation of Gq alpha protein activation of phospholipase C.
RGS3 mRNA

and protein were observed to be expressed endogenously in the
gonadotropic

alpha T3-1 cell line. These results suggest a potential role for
RGS3 in

modulating the LH secretory responsiveness of the pituitary
gonadotrope to

GnRH.

CT Check Tags: Animal

Cell Line

COS Cells

*G-Proteins: ME, metabolism

Glutathione Transferase: ME, metabolism

*Gonadorelin: PD, pharmacology

Inositol 1,4,5-Trisphosphate: BI, biosynthesis

LH: SE, secretion

Molecular Sequence Data

Pituitary Gland, Anterior: CH, chemistry

Proteins: GE, genetics

*Proteins: PH, physiology

Rats

Receptors, LHRH: GE, genetics

Recombinant Fusion Proteins

RNA, Messenger: AN, analysis

*Signal Transduction

Transfection

RN 33515-09-2 (Gonadorelin); 85166-31-0 (Inositol

1,4,5-Trisphosphate);

9002-67-9 (LH)

CN EC 2.5.1.18 (Glutathione Transferase); 0 (G-Proteins); 0

(Proteins); 0

(Receptors, LHRH); 0 (Recombinant Fusion Proteins); 0 (RGS3

protein); 0

(RNA, Messenger)

=> d116 18

L16 ANSWER 18 OF 18 CAPLUS COPYRIGHT 1999 ACS

AN 1987:17021 CAPLUS

DN 106:17021

TI Identification and synthesis of hormones involved in the
biochemistry of

reproduction in mammals

IN Seeburg, Peter Horst; Adelman, John Peter

PA Genentech, Inc., USA

SO Eur. Pat. Appl., 52 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.
------------	------	------	-----------------

DATE

PI EP 178867	A2	19860423	EP 85-307311	19851011
EP 178867	A3	19880107		
EP 178867	B1	19940112		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 100143	E	19940115	AT 85-307311	19851011
AU 8548549	A1	19860529	AU 85-48549	19851014
AU 603542	B2	19901122		
JP 61112100	A2	19860530	JP 85-234373	19851018
US 5075224	A	19911224	US 91-681628	19910402
PRAI US 84-663097 19841019				
US 85-709959		19850308		
EP 85-307311		19851011		
US 87-84785		19870813		
US 88-193428		19880511		

=> d116 11-17

L16 ANSWER 11 OF 18 CAPLUS COPYRIGHT 1999 ACS

AN 1997:70603 CAPLUS

DN 126:152987

TI Potential role for a regulator of G protein signaling (RGS3) in
gonadotropin - ***releasing*** ***hormone***

(GnRH)

stimulated desensitization

AU Neill, Jimmy D.; Duck, L. Wayne; Sellers, Jeffrey C.;

Musgrove, Lois C.;

Scheschonka, Astrid; Druey, Kirk M.; Kehrl, John H.

CS School of Medicine and Dentistry, University Alabama at
Birmingham,

Birmingham, AL, 35294, USA

SO Endocrinology (1997), 138(2), 843-846

CODEN: ENDOAO; ISSN: 0013-7227

PB Endocrine Society

DT Journal

LA English

L16 ANSWER 12 OF 18 CAPLUS COPYRIGHT 1999 ACS

AN 1996:593949 CAPLUS

DN 125:245685

TI ***Gonadotropin*** ***releasing*** ***hormone***

multimer-leukotoxin chimeras, their preparation with recombinant
cells,

and their use as vaccines

IN Potter, Andrew A.; Manns, John G.

PA University of Saskatchewan, Can.

SO PCT Int. Appl., 86 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 6

PATENT NO.	KIND	DATE	APPLICATION NO.
------------	------	------	-----------------

DATE

PI WO 9624675	A1	19960815	WO 96-CA49
---------------	----	----------	------------

19960124

W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN,
CZ, DE, DK, EE,

ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR,
LS, LT,

LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,
RO, RU, SD, SE,

SG, SI

RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES,
FR, GB, GR, IE,

IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,
GN, ML, MR,

NE, SN

US 5723129	A	19980303	US 95-387156	19950210
AU 9644777	A1	19960827	AU 96-44777	19960124
EP 808369	A1	19971126	EP 96-900796	19960124
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE,				
PT, IE				
BR 9607526	A	19971230	BR 96-7526	19960124
PRAI US 95-387156 19950210				
US 91-779171		19911016		
US 92-960932		19921014		
WO 96-CA49		19960124		

L16 ANSWER 13 OF 18 CAPLUS COPYRIGHT 1999 ACS

AN 1995:770959 CAPLUS

DN 123:237617

TI P-fimbriae of Escherichia coli as carriers for

gonadotropin

releasing ***hormone*** : development of a
recombinant

contraceptive vaccine

AU van der Zee, Anneke; Noordegraaf, Cor Vonk; van den Bosch,
Han; Gielen,

Jeff; Bergmans, Hans; Hoekstra, Wiel; van Die, Irma

CS Department of Molecular Cell Biology, Utrecht, 3584 CH,
Neth.

SO Vaccine (1995), Volume Date 1995, 13(8), 753-8

CODEN: VACCDE; ISSN: 0264-410X

DT Journal

LA English

L16 ANSWER 14 OF 18 CAPLUS COPYRIGHT 1999 ACS
 AN 1995:662898 CAPLUS
 DN 123:167615
 TI Enhanced immunogenicity using leukotoxin chimeras
 IN Potter, Andrew A.; Redmond, Mark J.; Hughes, Huw P. A.
 PA University of Saskatchewan, Can.
 SO U.S., 64 pp. Cont.-in-part of U.S. Ser. No. 779,171, abandoned.
 CODEN: USXXAM

DT Patent
 LA English
 FAN.CNT 6

PATENT NO.	KIND	DATE	APPLICATION NO.
------------	------	------	-----------------

PI US 5422110	A	19950606	US 92-960932
19921014			
WO 9308290	A1	19930429	WO 92-CA449
19921015			
W: AU, BG, CA, CS, JP			
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE			
AU 9226991	A1	19930521	AU 92-26991 19921015
US 5723129	A	19980303	US 95-387156 19950210
US 5708155	A	19980113	US 95-455970 19950531
CN 1179181	A	19980415	CN 96-192680 19960124
US 5837268	A	19981117	US 96-694865 19960809
PRAI US 91-779171		19911016	
US 92-960932		19921014	
WO 92-CA449		19921015	
US 95-387156		19950210	

L16 ANSWER 15 OF 18 CAPLUS COPYRIGHT 1999 ACS
 AN 1994:189730 CAPLUS
 DN 120:189730
 TI Gonadotropin releasing factor vaccines using the P-fimbrin of Escherichia coli as a carrier
 IN Van Der Zee, Anna; Van Die, Irma Marianne; Hoekstra, Willem Pieter Martin; Gielen, Josephus Theodorus
 PA AKZO N. V., Neth.
 SO Eur. Pat. Appl., 35 pp.
 CODEN: EPXXDW

DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.
------------	------	------	-----------------

PI EP 578293	A1	19940112	EP 93-201712 19930615
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE			
ZA 9304199	A	19940110	ZA 93-4199 19930614
CA 2098533	AA	19931219	CA 93-2098533
19930616			
HU 68554	A2	19950628	HU 93-1764 19930617
AU 9341343	A1	19931223	AU 93-41343 19930618
AU 667715	B2	19960404	
BR 9302408	A	19940111	BR 93-2408 19930618
JP 06056696	A2	19940301	JP 93-172381 19930618
PRAI EP 92-201775		19920618	

L16 ANSWER 16 OF 18 CAPLUS COPYRIGHT 1999 ACS
 AN 1994:183277 CAPLUS
 DN 120:183277
 TI Testosterone effects on spermatogenesis in the
 gonadotropin
 releasing ***hormone*** -immunized rat
 AU McLachlan, Robert I.; Wreford, Nigel G.; Tsonis, Con; de Kretser, David

M.; Robertson, David M.
 CS Prince Henry's Inst. Med. Res., Monash Univ., Clayton, 3168, Australia
 SO Biol. Reprod. (1994), 50(2), 271-80
 CODEN: BIREBV; ISSN: 0006-3363
 DT Journal
 LA English

L16 ANSWER 17 OF 18 CAPLUS COPYRIGHT 1999 ACS
 AN 1993:579169 CAPLUS
 DN 119:179169
 TI Enhanced immunogenicity using leukotoxin chimeras
 IN Potter, Andrew A.; Redmond, Mark J.; Hughes, Huw P. A.
 PA University of Saskatchewan, Can.
 SO PCT Int. Appl., 94 pp.
 CODEN: PIXXD2

DT Patent
 LA English
 FAN.CNT 6

PATENT NO.	KIND	DATE	APPLICATION NO.
------------	------	------	-----------------

PI WO 9308290	A1	19930429	WO 92-CA449
19921015			
W: AU, BG, CA, CS, JP			
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE			
US 5422110	A	19950606	US 92-960932 19921014
AU 9226991	A1	19930521	AU 92-26991 19921015
PRAI US 91-779171		19911016	
US 92-960932		19921014	
WO 92-CA449		19921015	

=> d 116 13 full

'FULL' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.
 REENTER DISPLAY FORMAT FOR ALL FILES
 (FILEDEFAULT):all

L16 ANSWER 13 OF 18 CAPLUS COPYRIGHT 1999 ACS
 AN 1995:770959 CAPLUS
 DN 123:237617
 TI P-fimbriae of Escherichia coli as carriers for
 gonadotropin
 releasing ***hormone*** : development of a recombinant contraceptive vaccine
 AU van der Zee, Anneke; Noordegraaf, Cor Vonk; van den Bosch, Han; Gielen, Jeff; Bergmans, Hans; Hoekstra, Wiel; van Die, Irma
 CS Department of Molecular Cell Biology, Utrecht, 3584 CH, Neth.
 SO Vaccine (1995), Volume Date 1995, 13(8), 753-8
 CODEN: VACCDE; ISSN: 0264-410X
 DT Journal
 LA English
 CC 63-3 (Pharmaceuticals)
 AB The demand for an effective and low cost means of fertility control of domestic animals has raised interest in the development of contraceptive vaccines. A promising candidate for a vaccine component is the brain peptide ***gonadotropin*** ***releasing*** ***hormone*** (GnRH), which plays a central role in the regulation of

reproductive functions in vertebrates. Neutralization of GnRH by vaccine-induced antibodies is expected to prevent the reproductive activity in a wide range of species. A GnRH-protein conjugate was prepd. by means of recombinant DNA technol. The oligonucleotides encoding GnRH were inserted in hypervariable regions of the subunit gene of P-fimbriae of Escherichia coli. Hybrid fimbriae encoded by the manipulated fimbrial gene clusters were expressed efficiently on the cell surface of Escherichia coli. Vaccination of female rats and bull calves with purified hybrid GnRH-fimbriae strongly affected the reproductive characteristics. P-fimbriae represent a very attractive carrier system for application of GnRH in a new type of vaccine.

ST vaccine Escherichia carrier ***gonadotropin***
 releasing
 hormone ; fimbriae Escherichia carrier GnRH
 contraceptive vaccine

IT Plasmid and Episome
 (pAI series, genes for fusion proteins of P-pilins and GnRH on;
 recombinant contraceptive vaccine comprising P-fimbriae of Escherichia as carriers for ***gonadotropin*** ***releasing***
 hormone)

IT Contraceptives
 Escherichia coli
 Vaccines
 (recombinant contraceptive vaccine comprising P-fimbriae of Escherichia as carriers for ***gonadotropin*** ***releasing***
 hormone)

IT Gene, microbial
 RL: THU (Therapeutic use); BIOL (Biological study); USES
 (Uses)
 (recombinant contraceptive vaccine comprising P-fimbriae of Escherichia as carriers for ***gonadotropin*** ***releasing***
 hormone)

IT Pili
 (P-, recombinant contraceptive vaccine comprising P-fimbriae of Escherichia as carriers for ***gonadotropin***
 releasing
 hormone)

IT Gene
 RL: THU (Therapeutic use); BIOL (Biological study); USES
 (Uses)
 (chimeric, for ***fusion*** ***protein*** of pilin and
 gonadotropin - ***releasing*** ***hormone*** ;
 recombinant
 contraceptive vaccine comprising P-fimbriae of Escherichia as carriers
 for ***gonadotropin*** ***releasing*** ***hormone***
)

IT Pilins
 RL: BPN (Biosynthetic preparation); THU (Therapeutic use);
 BIOL
 (Biological study); PREP (Preparation); USES (Uses)
 (fimbrins, P-, fusion products with GnRH; recombinant
 contraceptive
 vaccine comprising P-fimbriae of Escherichia as carriers for
 gonadotropin ***releasing*** ***hormone***)

IT Gene
 RL: THU (Therapeutic use); BIOL (Biological study); USES
 (Uses)
 (synthetic, for ***gonadotropin*** - ***releasing***
 hormone ; recombinant contraceptive vaccine

comprising
 P-fimbriae of Escherichia as carriers for ***gonadotropin***
 releasing ***hormone***)

IT 153678-16-1 153678-18-3
 RL: PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES
 (Uses)
 (nucleotide sequence, synthetic gene for GnRH deriv.;
 recombinant
 contraceptive vaccine comprising P-fimbriae of Escherichia as carriers
 for ***gonadotropin*** ***releasing*** ***hormone***
)

IT 9034-40-6DP, ***Gonadotropin*** ***releasing***
 hormone ,
 fusion products with P-fimbrins
 RL: BPN (Biosynthetic preparation); THU (Therapeutic use);
 BIOL
 (Biological study); PREP (Preparation); USES (Uses)
 (recombinant contraceptive vaccine comprising P-fimbriae of Escherichia as carriers for ***gonadotropin*** ***releasing***
 hormone)

IT 168474-04-2 168474-05-3
 RL: PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES
 (Uses)
 (synthetic GnRH deriv., amino acid sequence, fusion products with
 pilins; recombinant contraceptive vaccine comprising P-fimbriae of
 Escherichia as carriers for ***gonadotropin***
 releasing
 hormone)

=> d his

(FILE 'HOME' ENTERED AT 09:55:27 ON 09 MAR 1999)

FILE 'MEDLINE, CAPLUS' ENTERED AT 09:56:22 ON 09 MAR 1999

L1 14797 S HEAT SHOCK PROTEINS
 L2 197 S L1 AND UBIQUITIN
 L3 0 S L2 AND GONADOTROPIN RELEASING HORMONE
 L4 0 S L2 AND FSH
 L5 0 S L2 AND FOLLICULE STIMULATING HORMONE
 L6 0 S UBIQUITIN AND FOLLICULE STIMULATING HORMONE
 L7 0 S UBIQUITIN AND FOLLICULE STIMULATING HORMONE RECEPTOR
 L8 4 S FUSION PROTEIN AND FSH RECEPTOR
 L9 3 DUP REM L8 (1 DUPLICATE REMOVED)
 L10 0 S FUSION PROTEIN AND GONADOTROPIN RELEASING HORMONE
 L11 0 S L1 AND GONADOTROPIN RELEASING HORMONE
 L12 0 S L1 AND GROWTH FACTOR HORMONE
 L13 322 S L1 AND IMMUNE RESPONSE
 L14 256 DUP REM L13 (66 DUPLICATES REMOVED)
 L15 11249 S GONADOTROPIN RELEASING HORMONE
 L16 18 S L15 AND FUSION PROTEIN
 L17 0 S L15 AND UBIQUITIN

L1 3 "KENTEN JOHN HENRY"/AU

=> d 1-3

LI ANSWER 1 OF 3 CAPLUS COPYRIGHT 1999 ACS
AN 1993:610716 CAPLUS
DN 119:210716
TI Prodrugs activated by targeted catalytic proteins
IN ***Kenten, John Henry*** ; Von Borstel, Reid; Casadei, Jan M.;

Kamireddy, Balreddy; Martin, Mark T.; Massey, Richard J.;

Napper, Andrew

D.; Simpson, David M.; Smith, Rodger G.; et al.

PA Igen, Inc., USA

SO PCT Int. Appl., 371 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.
------------	------	------	-----------------

PI WO 9302703	A1	19930218	WO 92-US6530
---------------	----	----------	--------------

19920804

W: AU, CA, JP, KR

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE

AU 9224408 A1 19930302 AU 92-24408 19920804

AU 673335 B2 19961107

EP 746336 A1 19961211 EP 92-917526 19920804

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, SE

CN 1070409 A 19930331 CN 92-110882 19920805

ZA 9205882 A 19940106 ZA 92-5882 19920805

PRAI US 91-740501 19910805

US 91-773042 19911010

US 92-919851 19920731

WO 92-US6530 19920804

OS MARPAT 119:210716

LI ANSWER 2 OF 3 CAPLUS COPYRIGHT 1999 ACS

AN 1987:194784 CAPLUS

DN 106:194784

TI Transformed myeloma cell line and expression of a gene coding for a

eukaryotic polypeptide employing it

IN ***Kenten, John Henry*** ; Boss, Michael Alan

PA Celltech Ltd., UK

SO PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.
------------	------	------	-----------------

PI WO 8605807	A1	19861009	WO 86-GB187
---------------	----	----------	-------------

19860401

W: AU, BG, GB, JP, SU, US

RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE

AU 8656665 A1 19861023 AU 86-56665 19860401

AU 584417 B2 19890525

EP 216846 A1 19870408 EP 86-901978 19860401

EP 216846 B1 19900110

EP 216846 B2 19950426

R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE

GB 2183662 A1 19870610 GB 86-28482 19860401

GB 2183662 B2 19890125

JP 62502377 T2 19870917 JP 86-501959 19860401

JP 2532858 B2 19960911

AT 49423 E 19900115 AT 86-901978 19860401

CA 1319120 A1 19930615 CA 86-505555

19860401

RU 2079553 C1 19970520 RU 86-4028654

19860401

PRAI GB 85-8442 19850401

GB 85-21815 19850903

EP 86-901978 19860401

WO 86-GB187 19860401

LI ANSWER 3 OF 3 CAPLUS COPYRIGHT 1999 ACS

AN 1985:198970 CAPLUS

DN 102:198970

TI Multichain polypeptides or proteins

IN Boss, Michael Alan; ***Kenten, John Henry*** ; Emtage,

John Spencer;

Wood, Clive Ross

PA Celltech Ltd., UK

SO PCT Int. Appl., 65 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.
------------	------	------	-----------------

PI WO 8403712	A2	19840927	WO 84-GB94
---------------	----	----------	------------

19840323

WO 8403712 A3 19841122

W: JP, US

EP 120694 A2 19841003 EP 84-301996 19840323

EP 120694 A3 19850703

EP 120694 B1 19930721

R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE

GB 2137631 A1 19841010 GB 84-7571 19840323

GB 2137631 B2 19861112

JP 60500892 T2 19850620 JP 84-501609 19840323

EP 526953 A1 19930210 EP 92-202982 19840323

R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE

AT 91716 E 19930815 AT 84-301996 19840323

JP 10080296 A2 19980331 JP 97-104862 19840323

US 4816397 A 19890328 US 84-672265 19841114

JP 07173200 A2 19950711 JP 94-228332 19940922

PRAI GB 83-8235 19830325

EP 84-301996 19840323

JP 94-228332 19840323

WO 84-GB94 19840323